

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004462.D
 Acq On : 16 Apr 2021 12:15
 Operator : SY/MD
 Sample : M2051-01
 Misc : 4.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124027

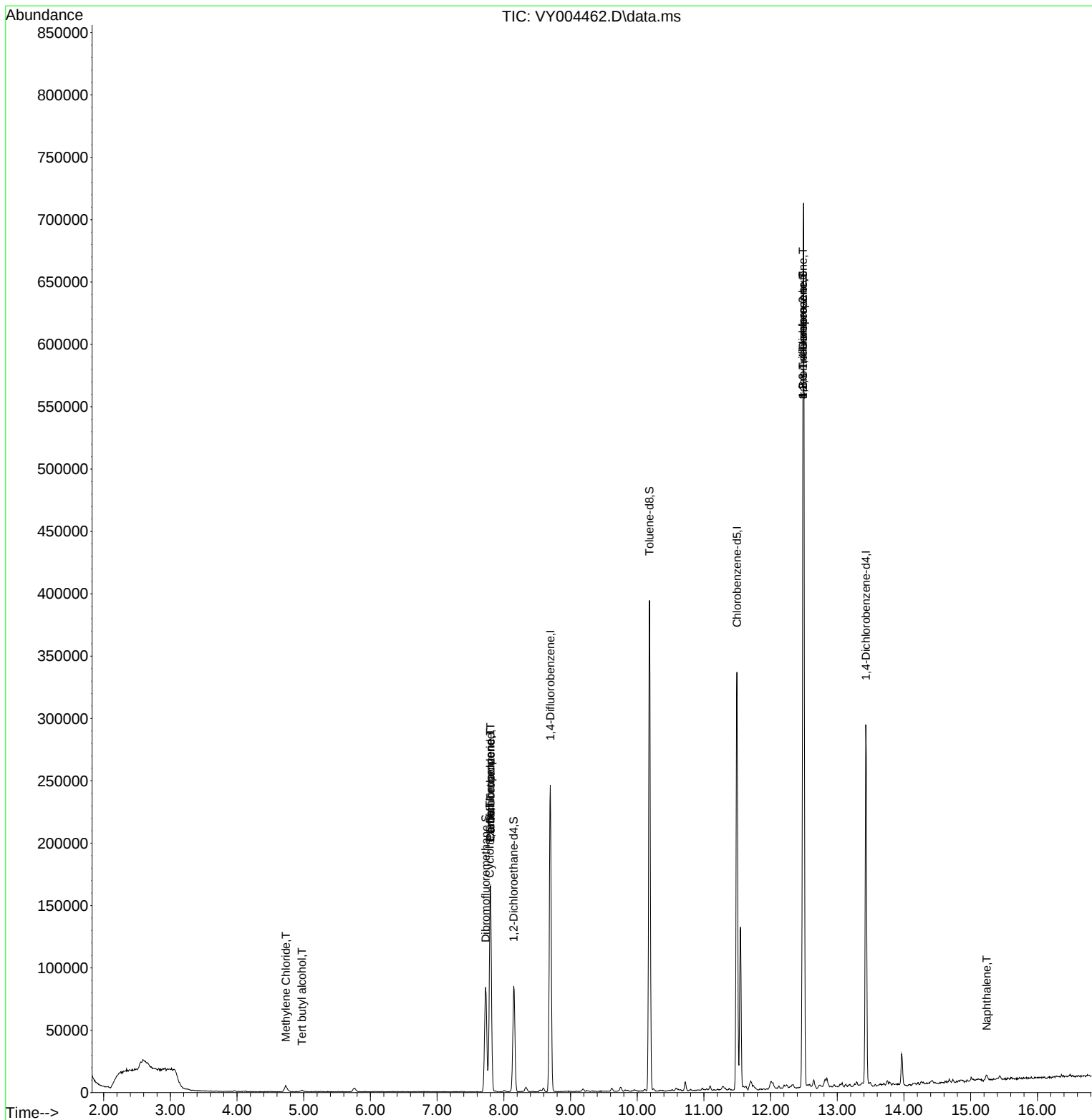
Quant Time: Apr 17 00:52:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

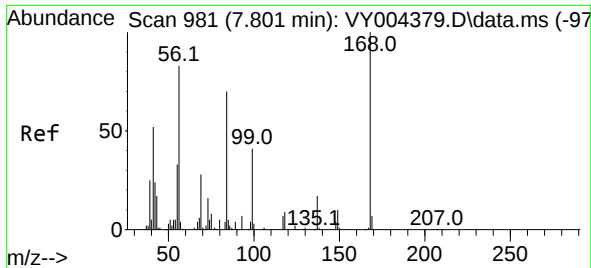
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	125926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65011	46.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.94%
35) Dibromofluoromethane	7.728	113	58631	52.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.68%
50) Toluene-d8	10.185	98	242647	50.92	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.84%
62) 4-Bromofluorobenzene	12.483	95	74484	46.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.12%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	2115	15.34	ug/l #	91
16) Acetone	3.966	43	1260	Below Cal	#	71
20) Methylene Chloride	4.735	84	2979	2.20	ug/l	95
31) Cyclohexane	7.789	56	3341	1.30	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	10056	5.01	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12305	7.10	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45276	60.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45276	107.59	ug/l #	14
95) Naphthalene	15.239	128	3265	1.13	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 17 00:52:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

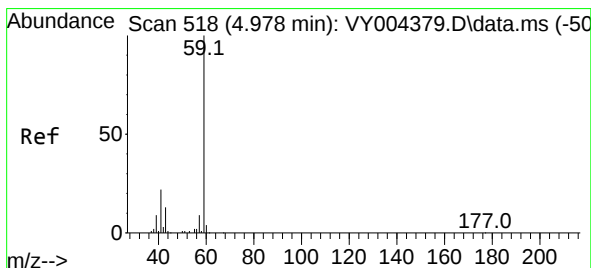
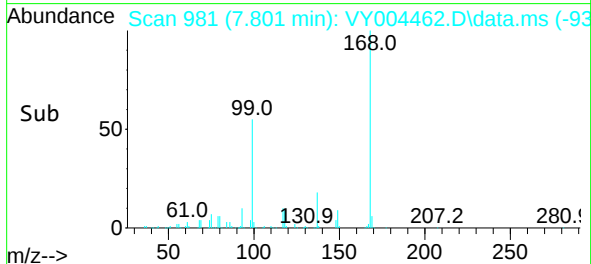
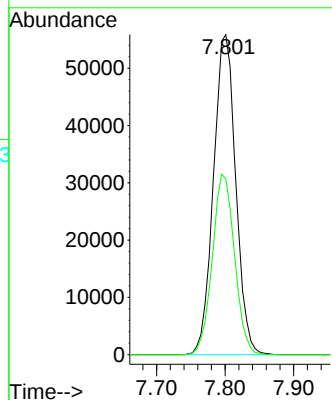
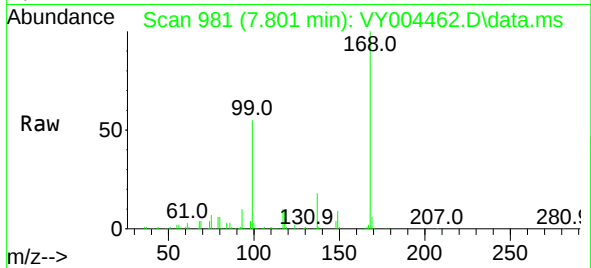




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

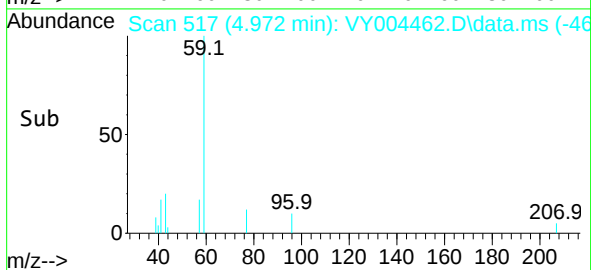
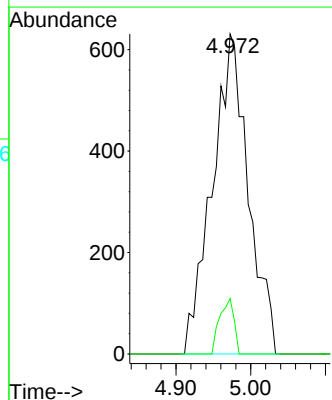
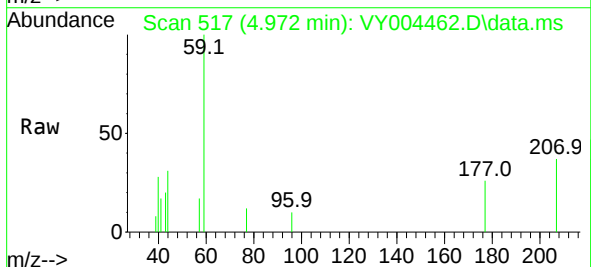
Instrument :
MSVOA_Y
ClientSampleId :
0124027

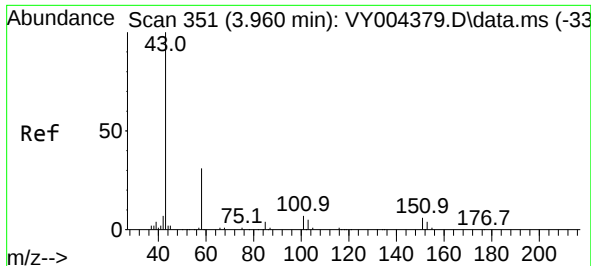
Tgt Ion:168 Resp: 125926
Ion Ratio Lower Upper
168 100
99 54.9 45.5 68.3



#11
Tert butyl alcohol
Concen: 15.34 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

Tgt Ion: 59 Resp: 2115
Ion Ratio Lower Upper
59 100
57 6.9 8.1 12.1#

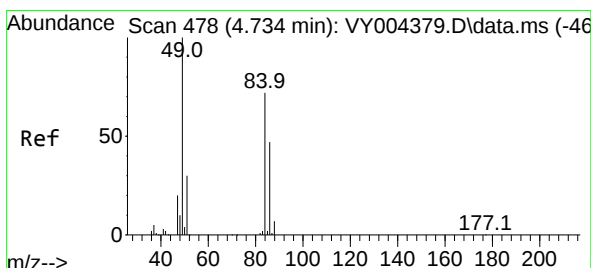
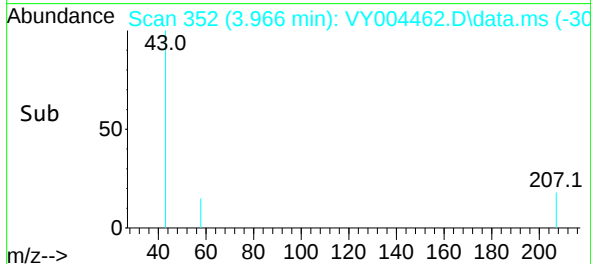
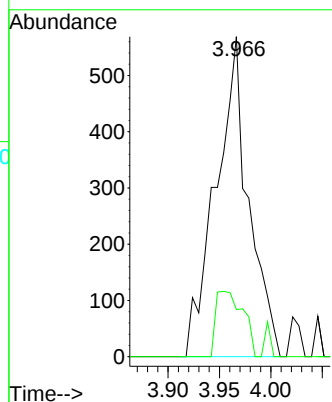
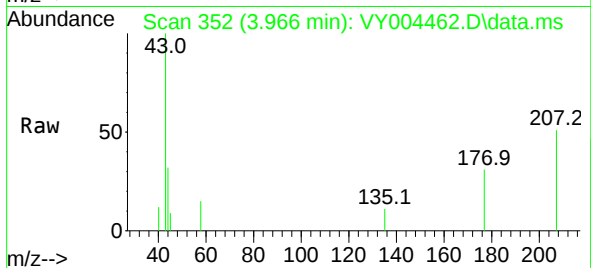




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

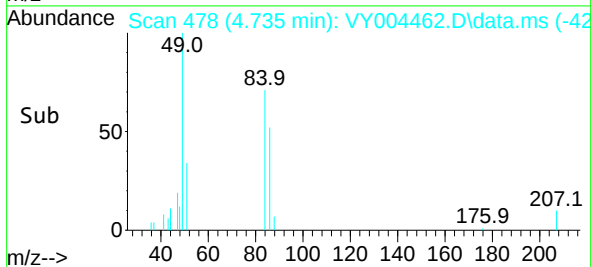
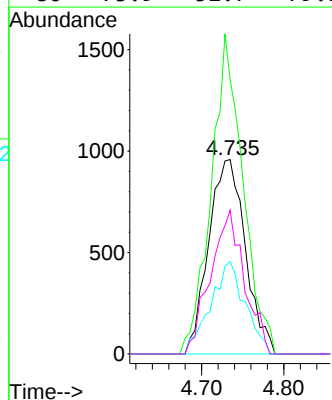
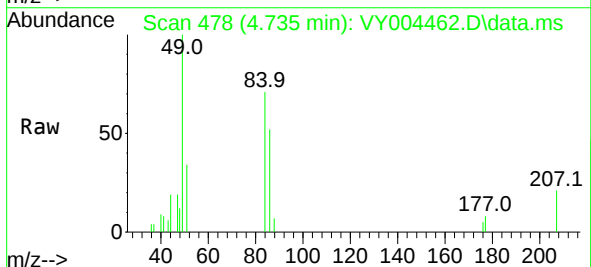
Instrument :
MSVOA_Y
ClientSampled :
0124027

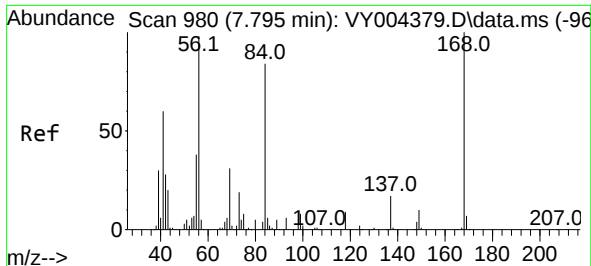
Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 14.8 24.6 37.0#



#20
Methylene Chloride
Concen: 2.20 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

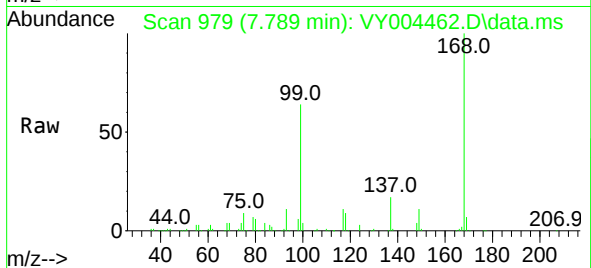
Tgt Ion: 84 Resp: 2979
Ion Ratio Lower Upper
84 100
49 141.0 111.2 166.8
51 47.5 33.4 50.2
86 73.9 52.7 79.1



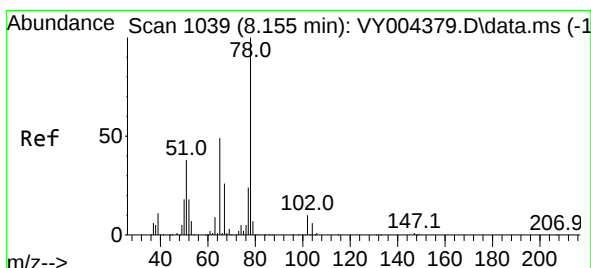
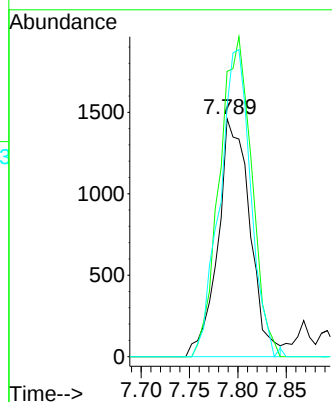
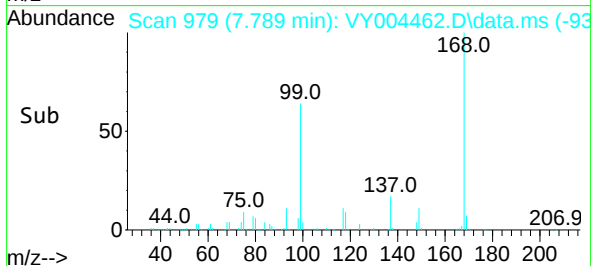


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

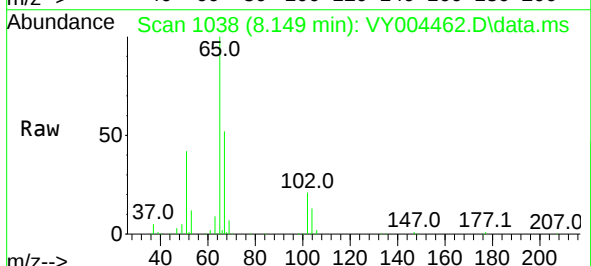
Instrument :
MSVOA_Y
ClientSampleId :
0124027



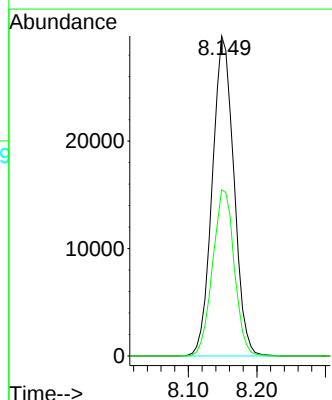
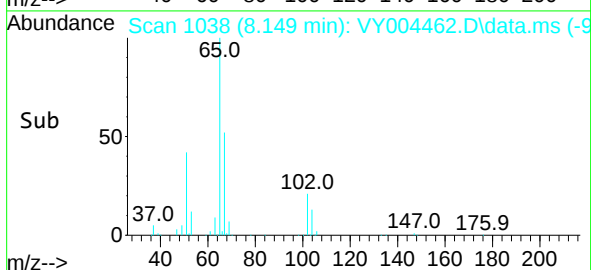
Tgt Ion: 56 Resp: 3341
Ion Ratio Lower Upper
56 100
69 119.9 25.8 38.6#
84 105.2 68.2 102.4#

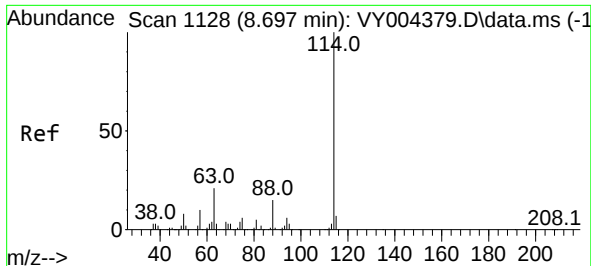


#33
1,2-Dichloroethane-d4
Concen: 46.47 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15



Tgt Ion: 65 Resp: 65011
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4

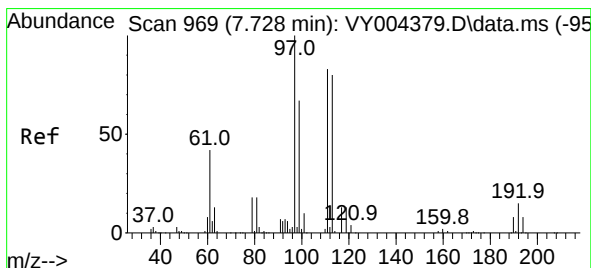
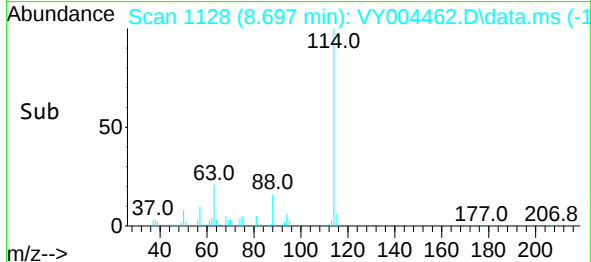
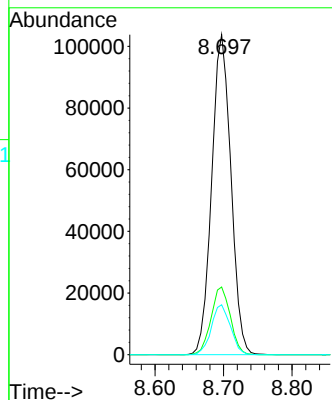
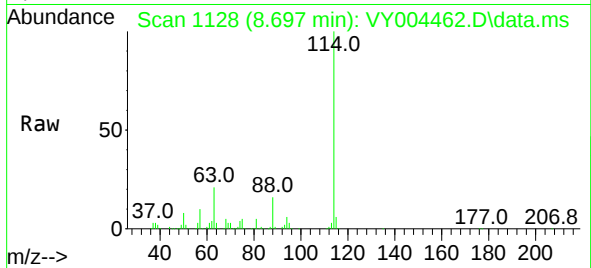




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

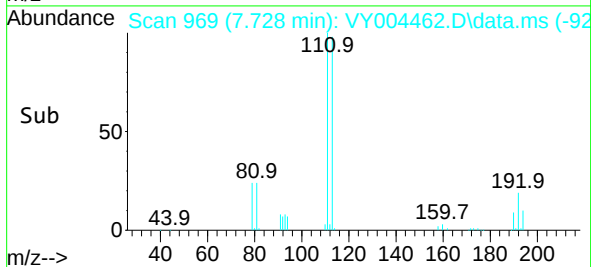
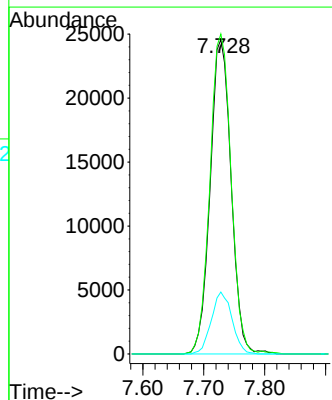
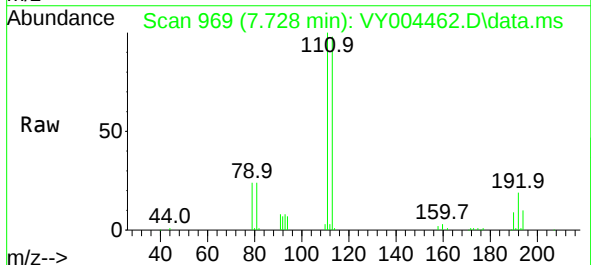
Instrument :
MSVOA_Y
ClientSampleId :
0124027

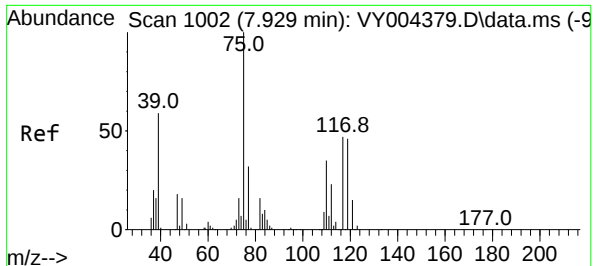
Tgt Ion:	114	Resp:	201866
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	42.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

Tgt Ion:	113	Resp:	58631
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	123.8
192	19.5	16.1	24.1





#36

1,1-Dichloropropene

Concen: 5.01 ug/l

RT: 7.795 min Scan# 980

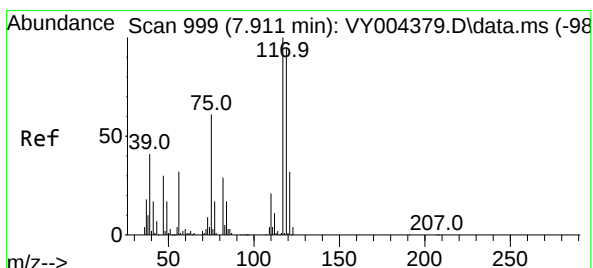
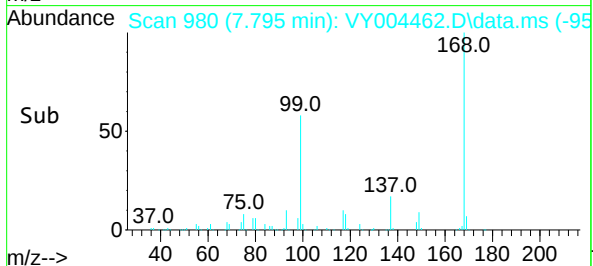
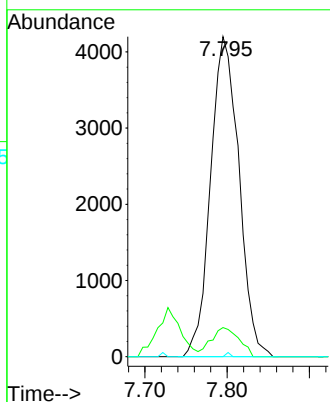
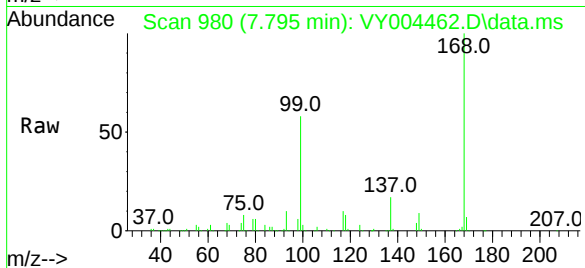
Delta R.T. -0.134 min

Lab File: VY004462.D

Acq: 16 Apr 2021 12:15

Tgt Ion:	75	Resp:	10056
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.3	51.7#
77	0.2	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :
0124027



#38

Carbon Tetrachloride

Concen: 7.10 ug/l

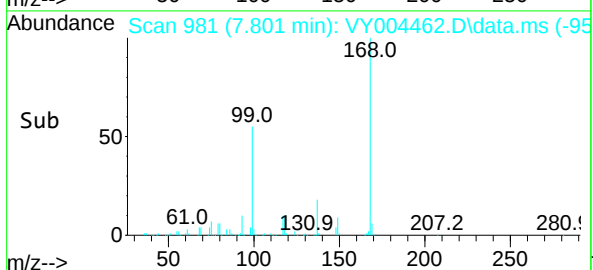
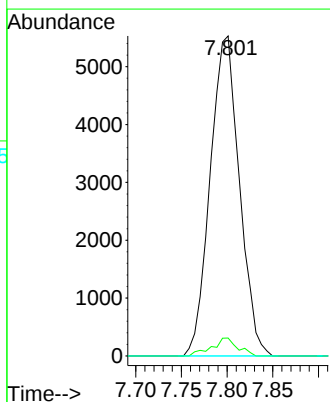
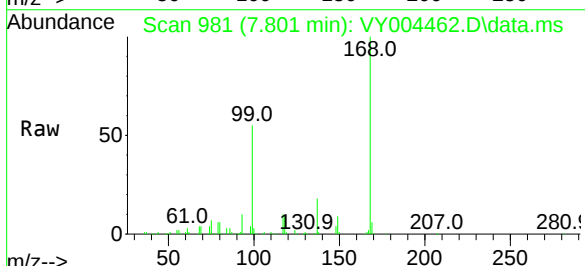
RT: 7.801 min Scan# 981

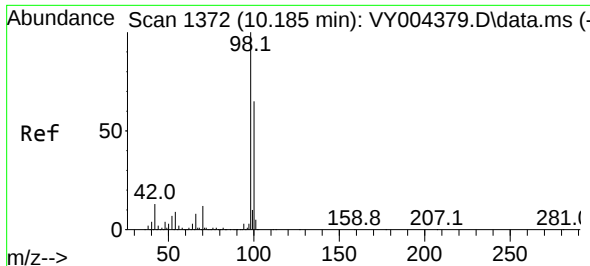
Delta R.T. -0.110 min

Lab File: VY004462.D

Acq: 16 Apr 2021 12:15

Tgt Ion:	117	Resp:	12305
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	25.3	37.9#

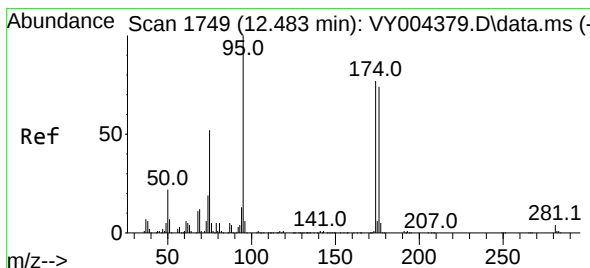
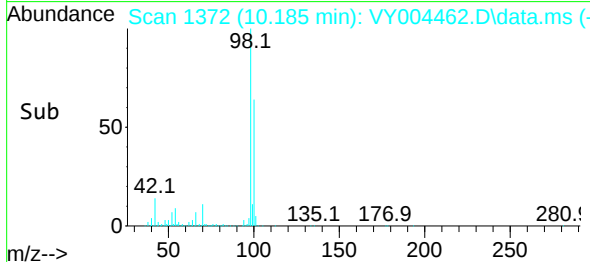
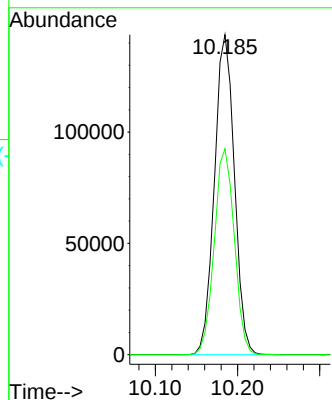
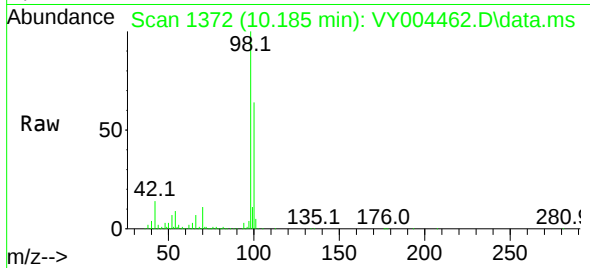




#50
Toluene-d8
Concen: 50.92 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

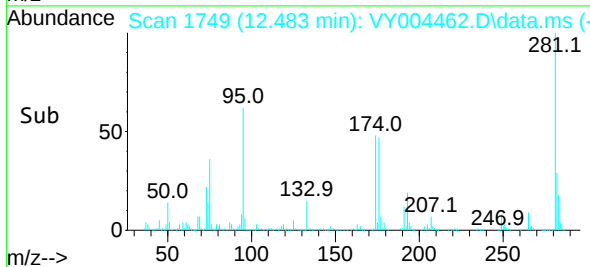
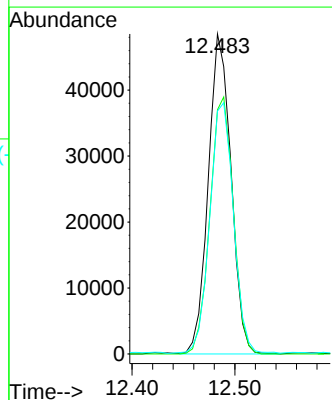
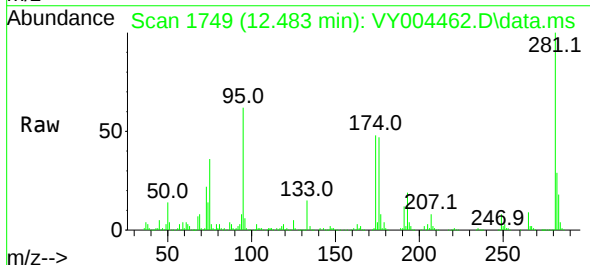
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ClientSampleId :
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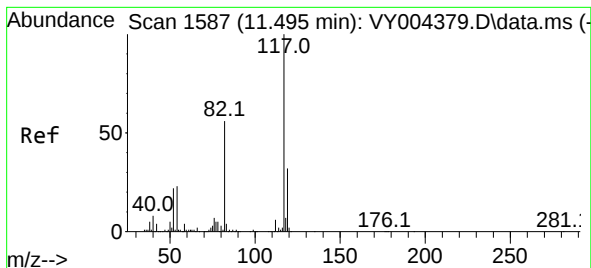
Tgt Ion: 98 Resp: 242647
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

Tgt Ion: 95 Resp: 74484
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.4
176 81.5 0.0 156.0

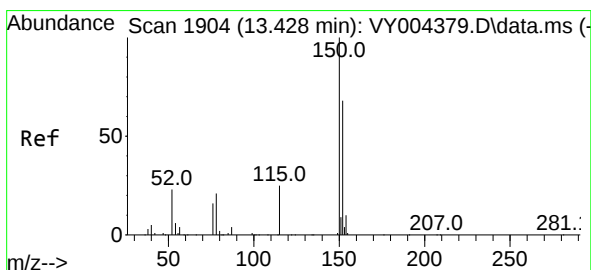
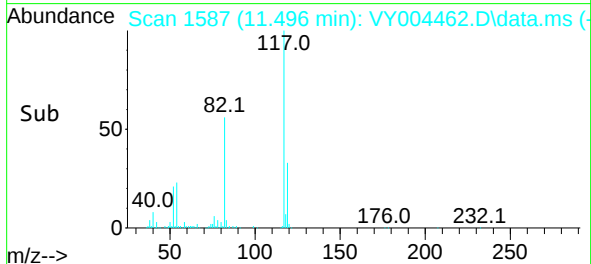
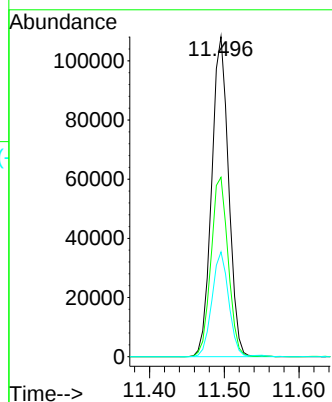
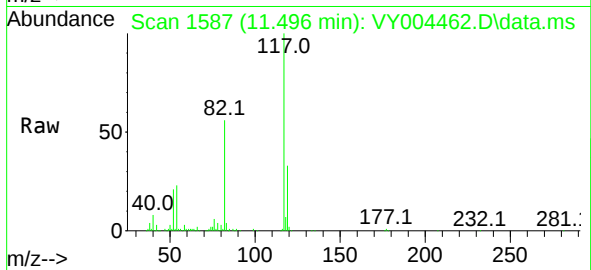




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

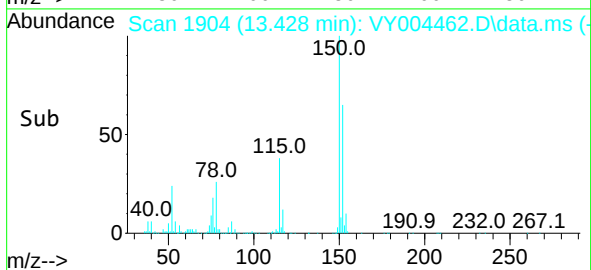
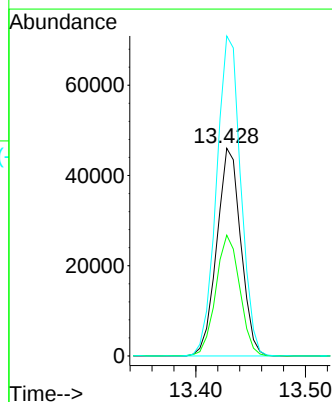
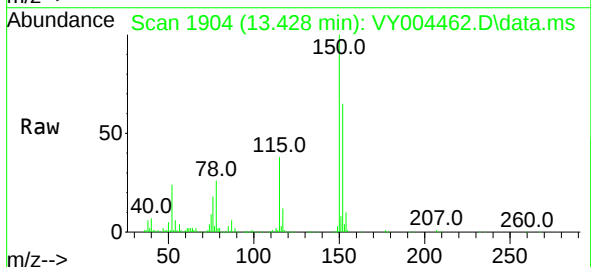
Instrument :
MSVOA_Y
ClientSampleId :
0124027

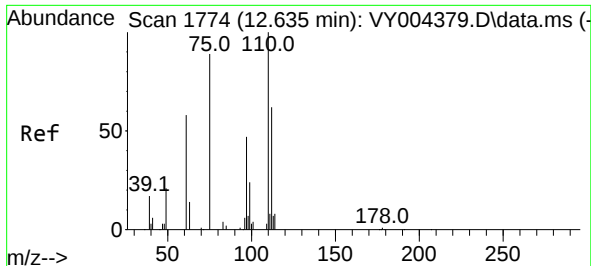
Tgt Ion:117 Resp: 170798
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

Tgt Ion:152 Resp: 70144
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 155.5 0.0 348.4

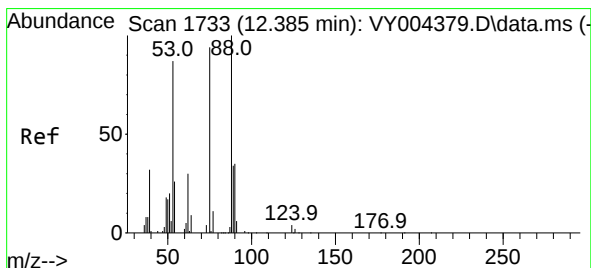
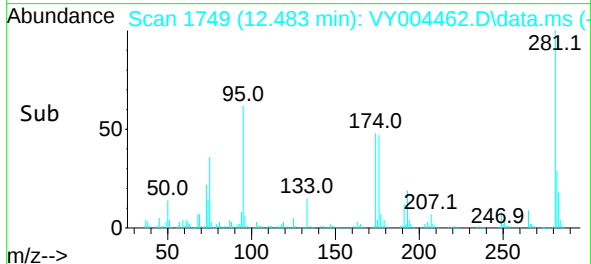
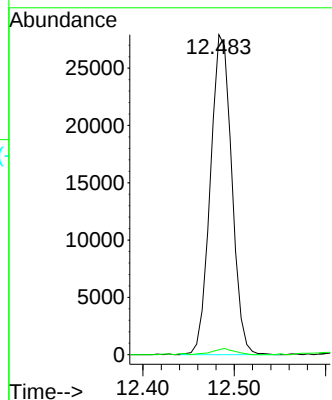
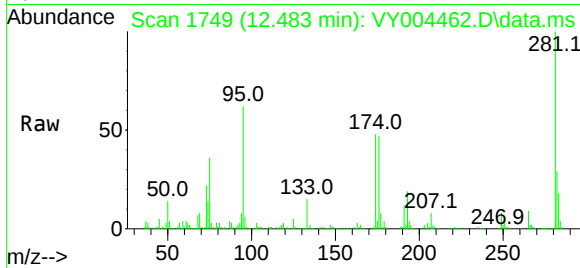




#76
1,2,3-Trichloropropane
Concen: 60.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

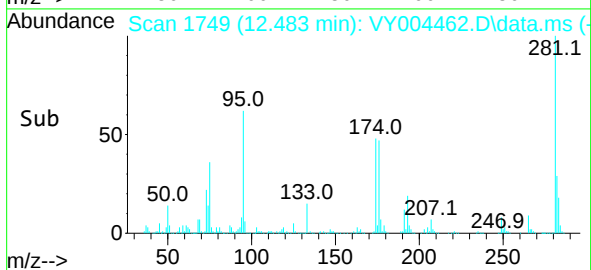
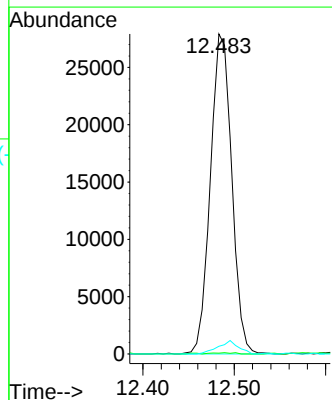
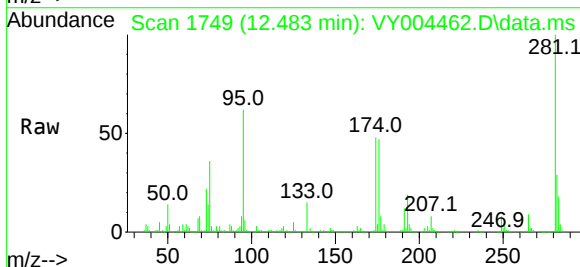
Instrument :
MSVOA_Y
ClientSampleId :
0124027

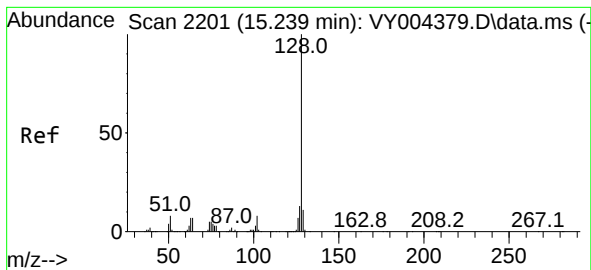
Tgt Ion: 75 Resp: 45276
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

Tgt Ion: 75 Resp: 45276
Ion Ratio Lower Upper
75 100
53 0.4 75.0 112.6#
89 4.0 36.1 54.1#





#95
Naphthalene
Concen: 1.13 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004462.D
Acq: 16 Apr 2021 12:15

Instrument :
MSVOA_Y
ClientSampleId :
0124027

Tgt Ion:	128	Resp:	3265
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	8.9	8.8	13.2

